



Office of Engineering
Project Development Division
Bridge Design Section
PO Box 94245 | Baton Rouge,
LA 70804-9245
Phone: 225-379-1302

John Bel Edwards, Governor
Shawn D. Wilson., Ph.D., Secretary

MEMORANDUM

TO: ALL CONSULTANTS
ALL BRIDGE DESIGNERS

FROM: PAUL FOSSIER, P.E. 
BRIDGE DESIGN ENGINEER ADMINISTRATOR

SUBJECT: BRIDGE DESIGN TECHNICAL MEMORANDUM NO. 67 (BDTM.67)
NO-RISE CERTIFICATION

DATE: January 26, 2017

Effective immediately, all bridge projects located on Flood Insurance Rate Maps (FIRMs) within designated floodways shall have an Engineering “No-Rise” Certification (see attached for an example) archived in project file to meet FEMA requirements. Projects that are not located within designated floodways do not need a “No-Rise” certificate. When requesting bridge hydraulic analysis, designers shall also request an Engineering “No-Rise” Certification. The DOTD Hydraulic Section will determine, and will provide an Engineering “No-Rise” Certification, if the structure is located within a designated floodway. If a consultant contract is required to perform hydraulic analysis, the scope of work must include providing the certification when necessary.

This technical memorandum is posted on the LA DOTD Website under [Inside La DOTD > Divisions - Engineering > Bridge Design > Technical Memoranda – BDTMs.](#)

Please contact Ms. Zhengzheng “Jenny” Fu (225-379-1321, zhengzheng.fu@la.gov) if you have questions or comments.

PF/zzf/aw

Attachment

Cc: Janice Williams (Chief Engineer)
Chad Winchester (Chief, Project Development Division)
Edward Wedge (Deputy Engineer Administrator)
Kirk Gallien (Assistant Secretary of Operations)
David Miller (Chief Maintenance Administrator)
Michael Vosburg (Chief Construction Division Engineer)
Brian Kendrick (Project Management Director)
Chris Knotts (Deputy Assistant Secretary, OPW)
Mitra Hashemieh (Hydraulics Design Engineer Administrator)
Simone Ardoin (Road Design Engineer Administrator)
Art Aguirre (FHWA)
District Administrators, ADA Engineering, ADA Operations, and District Area Engineers

Engineering "No Rise" Certification

This is to certify that I am a duly qualified registered professional engineer licensed to practice in the State of Louisiana.

It is further to certify that the attached technical data supports the fact that proposed

H.007940 Bayou Lafourche Cutoff Bridge Replacement

(Name of Development)

will not impact (0.000 foot rise) the base (100-year) flood elevations, floodway elevations and floodway widths on

Bayou Lafourche Cutoff

(Name of Stream)

at published sections in the Flood Insurance Study for Caldwell Parish, LA

(Name of Community)

dated September 5, 2012 and will not impact (0.000 foot rise) the base (100-year) flood elevations, floodway elevations, and floodway widths at unpublished cross sections in the vicinity of the proposed development.

12/20/2016

(Date)

Xiaoxia Zhao

(Signature)

DOTD Bridge Hydraulics Engineer

(Title)

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(Address)

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(License number)

SEAL:

